

# Loi du $\chi^2$

	Risque $\alpha$												
$\nu$	0,005	0,010	0,025	0,050	0,100	0,250	0,500	0,750	0,900	0,950	0,975	0,990	0,995
1	7,879	6,635	5,024	3,841	2,706	1,323	0,455	0,102	0,016	0,004	0,0010	0,0002	0,0000
2	10,597	9,210	7,378	5,991	4,605	2,773	1,386	0,575	0,211	0,103	0,051	0,020	0,010
3	12,838	11,345	9,348	7,815	6,251	4,108	2,366	1,213	0,584	0,352	0,216	0,115	0,072
4	14,860	13,277	11,143	9,488	7,779	5,385	3,357	1,923	1,064	0,711	0,484	0,297	0,207
5	16,750	15,086	12,832	11,070	9,236	6,626	4,351	2,675	1,610	1,145	0,831	0,554	0,412
6	18,548	16,812	14,449	12,592	10,645	7,841	5,348	3,455	2,204	1,635	1,237	0,872	0,676
7	20,278	18,475	16,013	14,067	12,017	9,037	6,346	4,255	2,833	2,167	1,690	1,239	0,989
8	21,955	20,090	17,535	15,507	13,362	10,219	7,344	5,071	3,490	2,733	2,180	1,647	1,344
9	23,589	21,666	19,023	16,919	14,684	11,389	8,343	5,899	4,168	3,325	2,700	2,088	1,735
10	25,188	23,209	20,483	18,307	15,987	12,549	9,342	6,737	4,865	3,940	3,247	2,558	2,156
11	26,757	24,725	21,920	19,675	17,275	13,701	10,341	7,584	5,578	4,575	3,816	3,053	2,603
12	28,300	26,217	23,337	21,026	18,549	14,845	11,340	8,438	6,304	5,226	4,404	3,571	3,074
13	29,819	27,688	24,736	22,362	19,812	15,984	12,340	9,299	7,041	5,892	5,009	4,107	3,565
14	31,319	29,141	26,119	23,685	21,064	17,117	13,339	10,165	7,790	6,571	5,629	4,660	4,075
15	32,801	30,578	27,488	24,996	22,307	18,245	14,339	11,037	8,547	7,261	6,262	5,229	4,601
16	34,267	32,000	28,845	26,296	23,542	19,369	15,338	11,912	9,312	7,962	6,908	5,812	5,142
17	35,718	33,409	30,191	27,587	24,769	20,489	16,338	12,792	10,085	8,672	7,564	6,408	5,697
18	37,156	34,805	31,526	28,869	25,989	21,605	17,338	13,675	10,865	9,390	8,231	7,015	6,265
19	38,582	36,191	32,852	30,144	27,204	22,718	18,338	14,562	11,651	10,117	8,907	7,633	6,844
20	39,997	37,566	34,170	31,410	28,412	23,828	19,337	15,452	12,443	10,851	9,591	8,260	7,434
21	41,401	38,932	35,479	32,671	29,615	24,935	20,337	16,344	13,240	11,591	10,283	8,897	8,034
22	42,796	40,289	36,781	33,924	30,813	26,039	21,337	17,240	14,041	12,338	10,982	9,542	8,643
23	44,181	41,638	38,076	35,172	32,007	27,141	22,337	18,137	14,848	13,091	11,689	10,196	9,260
24	45,558	42,980	39,364	36,415	33,196	28,241	23,337	19,037	15,659	13,848	12,401	10,856	9,886
25	46,928	44,314	40,646	37,652	34,382	29,339	24,337	19,939	16,473	14,611	13,120	11,524	10,520
26	48,290	45,642	41,923	38,885	35,563	30,435	25,336	20,843	17,292	15,379	13,844	12,198	11,160
27	49,645	46,963	43,195	40,113	36,741	31,528	26,336	21,749	18,114	16,151	14,573	12,878	11,808
28	50,994	48,278	44,461	41,337	37,916	32,620	27,336	22,657	18,939	16,928	15,308	13,565	12,461
29	52,335	49,588	45,722	42,557	39,087	33,711	28,336	23,567	19,768	17,708	16,047	14,256	13,121
30	53,672	50,892	46,979	43,773	40,256	34,800	29,336	24,478	20,599	18,493	16,791	14,953	13,787
31	55,002	52,191	48,232	44,985	41,422	35,887	30,336	25,390	21,434	19,281	17,539	15,655	14,458
32	56,328	53,486	49,480	46,194	42,585	36,973	31,336	26,304	22,271	20,072	18,291	16,362	15,134
33	57,648	54,775	50,725	47,400	43,745	38,058	32,336	27,219	23,110	20,867	19,047	17,073	15,815
34	58,964	56,061	51,966	48,602	44,903	39,141	33,336	28,136	23,952	21,664	19,806	17,789	16,501
35	60,275	57,342	53,203	49,802	46,059	40,223	34,336	29,054	24,797	22,465	20,569	18,509	17,192
36	61,581	58,619	54,437	50,998	47,212	41,304	35,336	29,973	25,643	23,269	21,336	19,233	17,887
37	62,883	59,893	55,668	52,192	48,363	42,383	36,336	30,893	26,492	24,075	22,106	19,960	18,586
38	64,181	61,162	56,895	53,384	49,513	43,462	37,335	31,815	27,343	24,884	22,878	20,691	19,289
39	65,475	62,428	58,120	54,572	50,660	44,539	38,335	32,737	28,196	25,695	23,654	21,426	19,996
40	66,766	63,691	59,342	55,758	51,805	45,616	39,335	33,660	29,051	26,509	24,433	22,164	20,707
50	79,490	76,154	71,420	67,505	63,167	56,334	49,335	42,942	37,689	34,764	32,357	29,707	27,991
60	91,952	88,379	83,298	79,082	74,397	66,981	59,335	52,294	46,459	43,188	40,482	37,485	35,534
80	116,321	112,329	106,629	101,879	96,578	88,130	79,334	71,145	64,278	60,391	57,153	53,540	51,172
100	140,170	135,807	129,561	124,342	118,498	109,141	99,334	90,133	82,358	77,929	74,222	70,065	67,328
120	163,648	158,950	152,211	146,567	140,233	130,055	119,334	109,220	100,624	95,705	91,573	86,923	83,852
150	198,360	193,207	185,800	179,581	172,581	161,291	149,334	137,983	128,275	122,692	117,985	112,668	109,142
200	255,264	249,445	241,058	233,994	226,021	213,102	199,334	186,172	174,835	168,279	162,728	156,432	152,241
300	366,844	359,906	349,874	341,395	331,788	316,138	299,334	283,135	269,068	260,878	253,912	245,973	240,663
500	585,206	576,493	563,851	553,127	540,930	520,950	499,334	478,323	459,926	449,147	439,936	429,387	422,303